

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/561,075
Source: IFWP
Date Processed by STIC: 12/30/2005

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 12/30/2005

PATENT APPLICATION: US/10/561,075

TIME: 09:24:36

Input Set : A:\11916.0065.00PC00.ST25.txt

Output Set: N:\CRF4\12302005\J561075.raw

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3 <110> APPLICANT: Wang, Tianlin
4     Lohuis, Michael M.
5     Kojima, Cheryl J.
6     Du, Fengxing
7     Byatt, John C.
9 <120> TITLE OF INVENTION: MARKER ASSISTED BEST LINEAR UNBIASED PREDICTION (MA-BLUP):
10    SOFTWARE ADAPTIONS FOR PRACTICAL APPLICATIONS FOR LARGE BREEDING
11    POPULATIONS IN FARM ANIMAL SPECIES
13 <130> FILE REFERENCE: 11916.0065.00PC00
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/561,075
C--> 15 <141> CURRENT FILING DATE: 2005-12-19
15 <150> PRIOR APPLICATION NUMBER: US 60/543,034
16 <151> PRIOR FILING DATE: 2004-02-09
18 <160> NUMBER OF SEQ ID NOS: 3
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 5888
24 <212> TYPE: DNA
25 <213> ORGANISM: Sus scrofa
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31 <223> OTHER INFORMATION: Sequence for AMPK gamma subunit
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228 ccctgctgag aatgtccctg gaaggaagcc agttaataaa ccttggttgg atggaatttc 5880
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240 <221> NAME/KEY: misc_feature
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247 tagatacttc ctatttatgt cttagtcaaa atgattaatt gcttttctat gtgtctttta 120
249 aatgtcctaa cagaatttat ttatgtgata actgcatttg acttggcata tccaattact 180
251 ccttggaaat ttaagttgtc ttgcatgcca ccaaatacaa catatgactt cctcttgcc 240
253 gctggaatct caaagaacac ttcaactttg aatggacatg atgaggcagt tgttgaaayg 300
255 gaacttaatw yaagtgttac ctacttatca aacttatctt ctaaaacaac tttccactgt 360
257 tgcttttgga gtgaggaaga taaaaactgc tctgtacatg cagacaacat tgcagggaag 420
259 g
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Input Set : A:\11916.0065.00PC00.ST25.txt

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263 <211> LENGTH: 96
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271 <223> OTHER INFORMATION: Xaa = Met or Thr
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275 <222> LOCATION: (60)..(60)
276 <223> OTHER INFORMATION: Xaa = Ser or Ile
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284 Pro Trp Lys Phe Lys Leu Ser Cys Met Pro Pro Asn Thr Thr Tyr Asp
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288 Phe Leu Leu Pro Ala Gly Ile Ser Lys Asn Thr Ser Thr Leu Asn Gly
289 35 40 45
W--> 292 His Asp Glu Ala Val Val Glu Xaa Glu Leu Asn Xaa Ser Gly Thr Tyr
293 50 55 60
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297 65 70 75 80
300 Glu Glu Asp Lys Asn Cys Ser Val His Ala Asp Asn Ile Ala Gly Lys
301 85 90 95

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RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 4504, 4505, 4513

Seq#:3; Xaa Pos. 56, 60

VERIFICATION SUMMARY

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Input Set : A:\11916.0065.00PC00.ST25.txt

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L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4500

L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:48